

Author Index

- Abe, S.
—, Mochizuki, J. and Sone, T.
Liquid-liquid extraction of iron(III) and gallium(III) with macrocyclic Schiff bases containing bisphenol A subunits 387
- Aboul-Enein, H.Y.
— and Serignese, V.
Liquid chromatographic determination of taxol and related derivatives using a new polyfluorinated reversed-phase column 187
- Alañón Molina, A., see Murillo Pulgarín, J.A. 361
- Alder, J.F., see Baker, J.G. 277
- Aldstadt, J.H.
—, Kuo, J.M., Smith, L.L. and Erickson, M.D.
Determination of uranium by flow injection inductively coupled plasma mass spectrometry 135
- Araújo, M.C.U., see Silva, E.C. 153
- Baker, J.G.
—, Rezgui, N.D. and Alder, J.F.
Quantitative millimetre wave spectroscopy. Part III: Theory of spectral detection and quantitative analysis in a millimetre wave confocal Fabry-Perot cavity spectrometer 277
- Bao, L.
—, Deng, L., Nie, L., Yao, S. and Wei, W.
Determination of microorganisms with a quartz crystal microbalance sensor 97
- Baraj, B.
—, Sastre, A., Martínez, M. and Spahiu, K.
Simultaneous determination of chloride complexes of Pt(IV) and Pd(II) by capillary zone electrophoresis with direct UV absorbance detection 191
- Boscolo Brienza, S.M., see Silva, E.C. 153
- Boujtita, M.
—, Chapleau, M. and El Murr, N.
Biosensors for analysis of ethanol in food: effect of the pasting liquid 91
- Buck, R.P., see Mădăraş, M.B. 335
- Bukowsky, H.
—, Uhlemann, E. and Kläui, W.
Extraction of alkali metal, magnesium and calcium ions with cyclopentadienyltris(diethylphosphito-P)cobaltate(–1) 271
- Bunker, C.E., see Sun, Y.-P. 379
- Burns, D.T.
— and Dunford, M.D.
Spectrophotometric determination of chromium(VI) by extraction of protirpylinium dichromate 205
- Cardwell, T.J., see Madden, J.E. 129
- Cattrall, R.W., see Madden, J.E. 129
- Chapleau, M., see Boujtita, M. 91
- Chen, G.-Z., see Xie, J.-W. 231
- Chen, H., see Li, G. 275
- Chen, L., see Wang, J. 347
- Chicharro, M., see Wang, J. 347
- Chudobová, I.
—, Vrbová, E., Kodíček, M., Janovcová, J. and Káš, J.
Fibre optic biosensor for the determination of D-glucose based on absorption changes of immobilized glucose oxidase 103
- Conesa, A.J., see Pinilla, J.M. 25
- Cornelis, R., see Zhang, X. 177
- Cosnier, S.
— and Popescu, I.C.
Poly(amphiphilic pyrrole)-tyrosinase-peroxidase electrode for amplified flow injection-amperometric detection of phenol 145
- Costa Lima, J.L.F., see Silva, E.C. 153
- Cukrowski, I.
—, Hancock, R.D. and Luckay, R.C.
Formation constant calculation for non-labile complexes based on a labile part of the metal-ligand system. A differential pulse polarographic study at fixed ligand to metal ratio and varied pH: application to polarographically inactive complexes 39
- Deady, L.W., see Madden, J.E. 129
- De Kimpe, J., see Zhang, X. 177
- Deng, L., see Bao, L. 97
- Deng, Q.
—, Guo, Y. and Dong, S.
Cyto-hydrogel for the construction of a tyrosinase-based biosensor 71
- Doherty, A.P.
—, Stanley, M.A., Leech, D. and Vos, J.G.
Oxidative detection of nitrite at an electrocatalytic [Ru(bipy)₂ poly-(4-vinylpyridine)₁₀Cl]Cl electrochemical sensor applied for the flow injection determination of nitrate using a Cu/Cd reductor column 111
- Dong, C., see Xie, H. 239

- Dong, S., see Deng, Q. 71
 Dunford, M.D., see Burns, D.T. 205
- Economou, A.
 —, Fielden, P.R. and Packham, A.J.
 Wiener filtering of electroanalytical data by means of fast Fourier transform 3
 Efremov, E.E., see Sakharov, I.Yu. 265
 El-Shaikh, A., see Ronot-Trioli, C. 121
 El Murr, N., see Boujtita, M. 91
 Erickson, M.D., see Aldstadt, J.H. 135
- Fehér, Z., see Nagy, G. 49
 Fielden, P.R., see Economou, A. 3
- Gagnaire, H., see Ronot-Trioli, C. 121
 Gee, S.J., see Wortberg, M. 291
 Gorton, L., see Spohn, U. 79
 Guo, Y., see Deng, Q. 71
 Gutmann, F., see Milojevic, D. 353
- Hammock, B.D., see Wortberg, M. 291
 Hancock, R.D., see Cukrowski, I. 39
 Hawke, D.J.
 —, Powell, H.K.J. and Simpson, S.L.
 Equilibrium modelling of interferences in the visible spectrophotometric determination of aluminium(III): comparison of the chromophores chrome azurol S, eriochrome cyanine R and pyrocatechol violet, and stability constants for eriochrome cyanine R-aluminium complexes 305
 Henze, G., see Heppeler, F. 19
 Heppeler, F.
 —, Sander, S. and Henze, G.
 Determination of tin traces in water samples by adsorptive stripping voltammetry 19
 Hernández, L., see Pinilla, J.M. 25
 Honorato, R.S., see Silva, E.C. 153
 Hu, B.
 —, Jiang, Z., Qin, Y. and Zeng, Y.
 Fluorination with polytetrafluoroethylene slurry in electrothermal vaporization-inductively coupled plasma-atomic emission spectrometry 255
- Interewicz, E., see Wierzchowski, J. 209
- Janovcová, J., see Chudobová, I. 103
 Jekel, M., see Oleksy-Frenzel, J. 165
 Jiang, Z., see Hu, B. 255
 Jin, W., see Xie, H. 239
 Jones, G., see Wortberg, M. 291
- Káš, J., see Chudobová, I. 103
 Kirtikara, K., see Somasundrum, M. 59
 Kläui, W., see Bukowsky, H. 271
 Kodíček, M., see Chudobová, I. 103
 Kornexl, B.E., see Werner, R.A. 159
 Kreissig, S.B., see Wortberg, M. 291
- Kunovits, J., see Nagy, G. 49
 Kuo, J.M., see Aldstadt, J.H. 135
- Lawson, G.E., see Sun, Y.-P. 379
 Leech, D., see Doherty, A.P. 111
 Li, G.
 —, Chen, H. and Zhu, D.
 Imidazole modified silver electrode and its application to the investigation of the electrochemistry of cytochrome *c* 275
 Li, Y., see Schutt, W.S. 369
 Liu, C., see Xie, H. 239
 Lu, J., see Pasquini, C. 315
 Luckay, R.C., see Cukrowski, I. 39
 Luong, J.H.T.
 — and Thatipamala, R.
 Kinetics and performance of a mediated biosensor for hypoxanthine using deflavo xanthine oxidase 325
 Lyberopulu, Th., see Ochsenkühn-Petropulu, M. 249
- Ma, B., see Sun, Y.-P. 379
 Mădăraș, M.B.
 —, Popescu, I.C., Ufer, S. and Buck, R.P.
 Microfabricated amperometric creatine and creatinine biosensors 335
 Madden, J.E.
 —, Cardwell, T.J., Catrall, R.W. and Deady, L.W.
 Nafion-based optode for the detection of metal ions in flow analysis 129
 Martínez, M., see Baraj, B. 191
 Mees, L., see Zhang, X. 177
 Milojevic, D.
 —, Molnar, J., Gutmann, F. and Wong, D.K.Y.
 Toxic interactions between clozapine and ampicillin 353
 Mochizuki, J., see Abe, S. 387
 Molnar, J., see Milojevic, D. 353
 Morelli, E., see Scarano, G. 13
 Murillo Pulgarín, J.A.
 — and Alañón Molina, A.
 Derivative linear variable-angle scanning fluorescence spectrometry for the determination of closely overlapping drug mixtures 361
- Nagy, G.
 —, Tóth, K., Fehér, Z. and Kunovits, J.
 Novel potentiometric monitoring combined with coulometric reagent generation 49
 Narasaiah, D., see Spohn, U. 79
 Nguyen, A.-L.
 Detection of polychlorinated biphenyls by photoactivated fluorescence and by sensitized laser photolysis 221
 Nie, L., see Bao, L. 97
- Ochsenkühn, K.M., see Ochsenkühn-Petropulu, M. 249
 Ochsenkühn-Petropulu, M.
 —, Lyberopulu, Th., Ochsenkühn, K.M. and Parissakis, G.
 Recovery of lanthanides and yttrium from red mud by selective leaching 249

- Oleksy-Frenzel, J.
— and Jekel, M.
On-line multicomponent determination of organic compounds in water following gel permeation chromatographic separation 165
- Orlanska, I., see Wierzchowski, J. 209
- Packham, A.J., see Economou, A. 3
- Parissakis, G., see Ochsenkühn-Petropulu, M. 249
- Pasquini, C.
—, Lu, J., Tran, C.D. and Smirnov, S.
Detection of flow injection analysis with pH gradient by acousto-optic tunable filter based spectrophotometry 315
- Pfeiffer, D., see Spohn, U. 79
- Pinilla, J.M.
—, Hernández, L. and Conesa, A.J.
Determination of mercury by open circuit adsorption stripping voltammetry on a platinum disk electrode 25
- Pižeta, I.
— and Zelić, M.
Parasitic resistance as a source of error in voltammetric measurements 31
- Popescu, I.C., see Cosnier, S. 145
- Popescu, I.C., see Mădăraş, M.B. 335
- Powell, H.K.J., see Hawke, D.J. 305
- Qin, Y., see Hu, B. 255
- Rezgui, N.D., see Baker, J.G. 277
- Rocke, D.M., see Wortberg, M. 291
- Rollins, H.W., see Sun, Y.-P. 379
- Ronot-Trioli, C.
—, Trouillet, A., Veillas, C., El-Shaikh, A. and Gagnaire, H.
Fibre optic chemical sensor based on surface plasmon monochromatic excitation 121
- Roßmann, A., see Werner, R.A. 159
- Sakamoto, H., see Tomiyasu, T. 199
- Sakharov, I.Yu.
—, Stepanova, I.E. and Efremov, E.E.
Enhancement of ELISA sensitivity for the detection of rabbit anti-HIV antibodies using APAAP complex 265
- Sander, S., see Heppeler, F. 19
- Sastre, A., see Baraj, B. 191
- Scarano, G.
— and Morelli, E.
Determination of phytochelatins by cathodic stripping voltammetry in the presence of copper(II) 13
- Schmidt, H.-L., see Werner, R.A. 159
- Schutt, W.S.
—, Sigman, M.E. and Li, Y.
Fluorimetric investigation of reactions between ozone and excited state aromatic compounds on silica gel 369
- Serignese, V., see Aboul-Enein, H.Y. 187
- Sigman, M.E., see Schutt, W.S. 369
- Silva, E.C.
—, Araújo, M.C.U., Honorato, R.S., Costa Lima, J.L.F., Zagatto, E.A.G. and Boscolo Brienza, S.M.
Standard additions in flow injection analysis based on merging zones and gradient exploitation: application to copper determination in spirits 153
- Simpson, S.L., see Hawke, D.J. 305
- Smirnov, S., see Pasquini, C. 315
- Smith, L.L., see Aldstadt, J.H. 135
- Somasundrum, M.
—, Kirtikara, K. and Tanticharoen, M.
Amperometric determination of hydrogen peroxide by direct and catalytic reduction at a copper electrode 59
- Sone, T., see Abe, S. 387
- Spahiu, K., see Baraj, B. 191
- Spohn, U.
—, Narasaiah, D., Gorton, L. and Pfeiffer, D.
A bienzyme modified carbon paste electrode for the amperometric detection of L-lactate at low potentials 79
- Stanley, M.A., see Doherty, A.P. 111
- Stepanova, I.E., see Sakharov, I.Yu. 265
- Sun, Y.-P.
—, Ma, B., Lawson, G.E., Bunker, C.E. and Rollins, H.W.
Effects of photochemical reactions of pyrene in alcohol and aqueous solvent systems on spectroscopic analyses 379
- Taga, Y., see Tomiyasu, T. 199
- Tanticharoen, M., see Somasundrum, M. 59
- Thatipamala, R., see Luong, J.H.T. 325
- Tomiyasu, T.
—, Taga, Y., Sakamoto, H. and Yonehara, N.
Spectrophotometric determination of trace bromide by its catalytic effect on the tetrabase-chloramine T reaction 199
- Tóth, K., see Nagy, G. 49
- Tran, C.D., see Pasquini, C. 315
- Trouillet, A., see Ronot-Trioli, C. 121
- Ufer, S., see Mădăraş, M.B. 335
- Uhlemann, E., see Bukowsky, H. 271
- Veillas, C., see Ronot-Trioli, C. 121
- Vos, J.G., see Doherty, A.P. 111
- Vrbová, E., see Chudobová, I. 103
- Wang, J.
—, Chen, L. and Chicharro, M.
Trace measurements of nucleic acids using flow injection amperometry 347
- Wei, W., see Bao, L. 97
- Wei, Y., see Xie, H. 239
- Werner, R.A.
—, Kornexl, B.E., Roßmann, A. and Schmidt, H.-L.
On-line determination of $\delta^{18}\text{O}$ values of organic substances 159
- Wierzchowski, J.
—, Interwicz, E., Wroczynski, P. and Orlanska, I.
Continuous fluorimetric assay for human aldehyde dehydrogenase and its application to blood analysis 209
- Wong, D.K.Y., see Milojevic, D. 353
- Wortberg, M.
—, Jones, G., Kreissig, S.B., Rocke, D.M., Gee, S.J. and Hammock, B.D.

- An approach to the construction of an immunoarray for differentiating and quantitating cross reacting analytes 291
- Wroczynski, P., see Wierzchowski, J. 209
- Xie, H.
—, Dong, C., Jin, W., Wei, Y., Liu, C., Zhang, S. and Zhou, B.
Solid surface room temperature phosphorescence of tetracycline antibiotics 239
- Xie, J.-W.
—, Xu, J.-G. and Chen, G.-Z.
Sensitized room temperature phosphorescence of biacetyl in AOT reversed micelles-dodecylammonium α -naphthylacetate as energy donor 231
- Xu, J.-G., see Xie, J.-W. 231
- Yao, S., see Bao, L. 97
- Yonehara, N., see Tomiyasu, T. 199
- Zagatto, E.A.G., see Silva, E.C. 153
- Zelić, M., see Pižeta, I. 31
- Zeng, Y., see Hu, B. 255
- Zhang, S., see Xie, H. 239
- Zhang, X.
—, Cornelis, R., De Kimpe, J. and Mees, L.
Arsenic speciation in serum of uraemic patients based on liquid chromatography with hydride generation atomic absorption spectrometry and on-line UV photo-oxidation digestion 177
- Zhou, B., see Xie, H. 239
- Zhu, D., see Li, G. 275

